CLAIM AMENDMENTS

Please amend claims 1, 6, 13, and 25 as follows.

1. (Currently Amended) A policy management to ol, comprising:

dynamic network information to model a physical configuration of a network and to detect a change in the physical configuration of the network; and

a policy manager ~~coupled to the model~~ to ~~manage~~ deploy~~ment of~~ at least one policy to a set of devices in [[a]] the network in response to the detected change in physical configuration of the network ~~based on the dynamic network information~~.

2. (Original) The tool of claim 1 wherein the policy manager comprises a policy to restrict certain types of traffic at multiple points within the network via a topology-based analysis of the network.

3. (Original) The tool of claim 1 wherein the policy manager comprises a policy to queue, buffer, or prioritize certain types of traffic at multiple points within the network based on an analysis of traffic found on various portions of the network.

4. (Original) The tool of claim 1 wherein the policy manager comprises a policy to prioritize traffic, wherein the policy automatically selects the prioritization mechanism based on the protocol and/or media the traffic traverses.

5. (Original) The tool of claim 1 wherein the policy manager comprises a policy to monitor response time of content transfer between one or more primary servers and a device in the network and replicate content of the primary servers to at least one other server when the content response time of a primary server exceeds a predetermined metric.

6. (Currently Amended) The tool of claim 1 wherein the policy manager comprises a policy to monitor the performance of one or more primary servers and replicate content of the primary servers to at least one other server when the performance metrics of a primary server exceed a predetermined value.

7. (Original) The tool of claim 1 wherein the policy manager comprises a policy to monitor the health of one or more primary servers in the network, to replicate content of the primary servers to at least one other server when a primary server experiences a fault, and to configure the other server to emulate the primary server.

8. (Original) The tool of claim 1 wherein the policy manager creates access control lists to control traffic through edge devices in the network based on a topology analysis of the network.

9. (Original) The tool of claim 1 wherein the dynamic network information comprises a network topology, network statistical information, or network traffic information.

10. (Original) The tool of claim 1 wherein the policy manager comprises a policy to replicate content of a first device to a second device when the content response time of the first device exceeds a predetermined metric.

11. (Original) The tool of claim 1 wherein the policy manager comprises a policy to selectively configure a set of devices based on an analysis of the traffic processed by the set of devices.

12. (Original) The tool of claim 1 wherein the policy manager comprises a policy to replicate content of a first device to a second device when the first device experiences a fault and to configure the second device to emulate the first device.

13. (Currently Amended) A method, comprising:

applying dynamic network information to a policy manager by:

modeling a physical configuration of a network; and

detecting a change in the physical configuration of the network; and

mapping a policy to a set of devices in the network based on the detected change in the physical configuration of the network ~~dynamic network information~~.

14. (Original) The method of claim 13 wherein the policy manager comprises a policy to restrict certain types of traffic at multiple points within the network via a topology-based analysis

of the network.

15. (Original) The method of claim 13 wherein the policy manager comprises a policy to queue traffic in devices in the network based on priority.

16. (Original) The method of claim 13 wherein the policy manager comprises a policy to buffer traffic in devices in the network based on priority.

17. (Original) The method of claim 13 wherein the policy manager comprises a policy to prioritize traffic in the network based on type of traffic.

18. (Original) The method of claim 13 wherein the policy manager comprises a policy to monitor response time of content transfer between one or more primary servers and a device in the network and replicate content of the primary servers to at least one other server when the content response time of a primary server exceeds a predetermined metric.

19. (Original) The method of claim 13 wherein the policy manager comprises a policy to monitor the performance of one or more primary servers and replicate content of the primary servers to at least one other server when the performance metrics of a primary server exceed a predetermined value or to monitor the performance of one or more primary servers and replicate content of the primary servers to at least one other server when the performance metrics of a primary server exceed a predetermined value.

20. (Original) The method of claim 13 wherein the policy manager comprises an access control list to control traffic through edge devices in the network.

21. (Original) The method of claim 13 wherein the dynamic network information comprises a network topology, network statistical information, or network traffic information.

22. (Original) The method of claim 13 wherein the policy manager comprises a policy to replicate content of a first device to a second device when the content response time of the first device exceeds a predetermined metric.

23 (Original) The method of claim 13 wherein the policy manager comprises a policy to selectively configure a set of devices based on traffic types to the set of devices.

24. (Original) The method of claim 13 wherein the policy manager comprises a policy to replicate content of a first device to a second device when the first device experiences a fault and to configure the second device to emulate the first device.

25. (Currently Amended) An article of manufacture ~~apparatus~~, comprising:

a machine-readable medium having stored thereon instructions for causing a processor to:

model a topology of a network;

detect a change in the topology of the network;

apply dynamic network information including the change in the topology of the network to a policy manager; and

map a policy to a set of devices in the network based on the detected change in the topology of the network.

26. (Original) The apparatus of claim 25 wherein the instructions are further to cause the processor to apply a policy to restrict certain types of traffic at multiple points within the network via a topology-based analysis of the network.

27. (Original) The apparatus of claim 25 wherein the instructions are further to cause the processor to apply a policy to queue traffic in devices in the network based on priority.

28. (Original) The apparatus of claim 25 wherein the instructions are further to cause the processor to apply a policy to tag or prioritize traffic in the network based on type of traffic.

29. (Original) The apparatus of claim 25 wherein the instructions are further to cause the processor to apply a policy to response time of content transfer between one or more primary servers and a device in the network and replicate content of the primary servers to at least one other server when the content response time of a primary server exceeds a predetermined metric.

30. (Original) The apparatus of claim 25 wherein the policy manager further comprises a policy to monitor the performance of one or more primary servers and replicate content of the primary servers to at least one other server when the performance metrics of a primary server exceed a predetermined value or to monitor the performance of one or more primary servers and replicate content of the primary servers to at least one other server when the performance metrics of a primary server exceed a predetermined value.